

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A method for managing documents, comprising the steps of:

receiving, at a centralized document manager, a request for a document from a remote user;

selecting, using the document manager, an application service provider amongst a plurality of application service providers based on said request;

forwarding said request to said selected application service provider;

~~receiving information retrieving the document from said selected application service provider indicating information of a document provided from said application service provider to said user;~~ and

sending a merge command to a printing entity requesting that the document be printed with watermark information.

2. (Original) The method of claim 1, further comprising the step of transmitting said watermark information to said printing entity.

3. (Original) The method of claim 1, further comprising the step of checking whether a watermark request is received, and wherein sending said merge command is based on said watermark request being received.

4. (Original) The method of claim 1, further comprising the step of checking whether said document is tagged, and wherein sending said merge command is based on said document being tagged.

5. (Original) The method of claim 1, further comprising the step of checking whether

said document is digitally signed, and wherein sending said merge command is based on said document being digitally signed.

6. (Canceled)

7. (Currently Amended) The method of claim 6 1, further comprising the steps of transmitting said document and said watermark information to said printing entity.

8. (Currently Amended) The method of claim 6 1, further comprising the step of retrieving said watermark information from said selected application service provider.

9. (Original) The method of claim 1, further comprising the step of retrieving a document and at least part of said watermark information from said user.

10. (Original) The method of claim 9, further comprising the step of transmitting said document and at least a portion of said watermark information to an application service provider.

11. (Currently Amended) The method of claim 1, wherein the document manager performs said steps of forwarding said request, ~~receiving said information retrieving the document from said selected application service provider~~, and sending said merge command.

12. (Original) The method of claim 11, further comprising the step of transmitting at least a portion of said watermark information to said document manager.

13. (Original) The method of claim 11, further comprising the steps of:
scanning said document; and
transmitting said document to said document manager.

14. (Original) The method of claim 13, further comprising the step of transmitting at least a portion of said watermark information to said document manager.

15. (Original) The method of claim 11, further comprising the step of receiving said

Application Serial No.: 09/785,433
Reply to Office Action dated March 18, 2004

document from said document manager.

16. (Original) The method of claim 15, further comprising the step of receiving said watermark information from said document manager.

17. (Original) The method of claim 16, further comprising the step of merging said document with said watermark information.

18. (Original) The method of claim 17, further comprising the step of printing said document with said watermark.

19. (Original) The method of claim 18, further comprising the step of adjusting an image density for said watermark information so that said image density for said watermark information is lower than an image density for said document.

20. (Currently Amended) A system for managing documents, comprising:
means for receiving a request for a document from a remote user;
means for selecting, using a centralized document manager, an application service provider amongst a plurality of application service providers based on said request;
means for forwarding said request to said selected application service provider;
means for receiving information retrieving the document from said selected application service provider indicating information of a document provided from said application service provider to said user; and
means for sending a merge command to a printing entity requesting that the document be printed with watermark information.

21. (Original) The system of claim 20, further comprising means for transmitting said watermark information to said printing entity.

22. (Original) The system of claim 20, further comprising means for checking

whether a watermark request is received, and wherein said means for sending send said merge command based on said watermark request being received.

23. (Original) The system of claim 20, further comprising means for checking whether said document is tagged, and wherein said means for sending send said merge command based on said document being tagged.

24. (Original) The system of claim 20, further comprising means for checking whether said document is digitally signed, and wherein said means for sending send said merge command based on said document being digitally signed.

25. (Canceled)

26. (Currently Amended) The system of claim 25 20, further comprising means for transmitting said document and said watermark information to said printing entity.

27. (Currently Amended) The system of claim 25 20, further comprising means for retrieving said watermark information from said selected application service provider.

28. (Original) The system of claim 20, further comprising means for retrieving a document and at least part of said watermark information from said user.

29. (Original) The system of claim 28, further comprising means for transmitting said document and at least a portion of said watermark information to an application service provider.

30. (Currently Amended) The system of claim 20, further comprising means for transmitting said request to a said document manager including said means for receiving said request, said means for selecting said application service provider, said means for forwarding said request, said means for ~~receiving said information retrieving the document~~ from said selected application service provider, and said means for sending said merge command.

Application Serial No.: 09/785,433
Reply to Office Action dated March 18, 2004

31. (Original) The system of claim 30, further comprising means for transmitting at least a portion of said watermark information to said document manager.

32. (Original) The system of claim 30, further comprising:

means for scanning said document; and

means for transmitting said document to said document manager.

33. (Original) The system of claim 32, further comprising means for transmitting at least a portion of said watermark information to said document manager.

34. (Original) The system of claim 30, further comprising means for receiving said document from said document manager.

35. (Original) The system of claim 34, further comprising means for receiving said watermark information from said document manager.

36. (Original) The system of claim 35, further comprising means for merging said document with said watermark information.

37. (Original) The system of claim 36, further comprising means for printing said document with said watermark.

38. (Original) The system of claim 37, further comprising means for adjusting an image density for said watermark information so that said image density for said watermark information is lower than an image density for said document.

39. (Currently Amended) A computer program product, comprising:

a computer storage medium and a computer program code mechanism embedded in the computer storage medium for causing a computer to manage documents over a computer network, the computer program code mechanism comprising:

a first computer code device configured to receive, at a centralized document

Application Serial No.: 09/785,433
Reply to Office Action dated March 18, 2004

manager, a request for a document from a remote user;

a second computer code device configured to select, using the document manager, an application service provider amongst a plurality of application service providers based on said request;

a third computer code device configured to forward said request to said selected application service provider;

a fourth computer code device configured to receive information retrieve the document from said selected application service provider indicating information of a document provided from said application service provider to said user; and
and

a fifth computer code device configured to send a merge command to a printing entity requesting that the document be printed with watermark information.

40. (Original) The computer program product of claim 39, further comprising a sixth computer code device configured to transmit said watermark information to said printing entity.

41. (Original) The computer program product of claim 39, further comprising a sixth computer code device configured to check whether a watermark request is received, and wherein said fifth computer code device is configured to send said merge command based on said watermark request being received.

42. (Original) The computer program product of claim 39, further comprising a sixth computer code device configured to check whether said document is tagged, and wherein said fifth computer code device is configured to send said merge command based on said document being tagged.

43. (Original) The computer program product of claim 39, further comprising a sixth computer code device configured to check whether said document is digitally signed, and wherein said fifth computer code device is configured to send said merge command based on said document being digitally signed.

44. (Canceled)

45. (Currently Amended) The computer program product of claim [[44]] 39, further comprising a ~~seventh~~ sixth computer code device configured to transmit said document and said watermark information to said printing entity.

46. (Currently Amended) The computer program product of claim [[44]] 39, further comprising a ~~seventh~~ sixth computer code device configured to retrieve said watermark information from said selected application service provider.

47. (Original) The computer program product of claim 39, further comprising a sixth computer code device configured to retrieve a document and at least part of said watermark information from said user.

48. (Original) The computer program product of claim 47, further comprising a seventh computer code device configured to transmit said document and at least a portion of said watermark information to an application service provider.

49. (Currently Amended) The computer program product of claim 39, further comprising a sixth computer code device configured to transmit said request to the document manager configured to receive said request, to select said application service provider, to forward said request, to ~~receive said information~~ retrieve the document from said selected application service provider, and to send said merge command.

50. (Original) The computer program product of claim 49, further comprising a

seventh computer code device configured to transmit at least a portion of said watermark information to said document manager.

51. (Original) The computer program product of claim 49, further comprising:
a seventh computer code device configured to scan said document; and
an eighth computer code device configured to transmit said document to said document manager.

52. (Original) The computer program product of claim 51, further comprising a ninth computer code device configured to transmit at least a portion of said watermark information to said document manager.

53. (Original) The computer program product of claim 49, further comprising a seventh computer code device configured to receive said document from said document manager.

54. (Original) The computer program product of claim 53, further comprising an eighth computer code device configured to receive said watermark information from said document manager.

55. (Original) The computer program product of claim 54, further comprising a ninth computer code device configured to merge said document with said watermark information.

56. (Original) The computer program product of claim 55, further comprising a tenth computer code device configured to print said document with said watermark.

57. (Original) The computer program product of claim 56, further comprising an eleventh computer code device configured to adjust an image density for said watermark information so that said image density for said watermark information is lower than an image density for said document.

58. (Currently Amended) A method for managing documents, comprising the steps of:

receiving, at a centralized document manager, a request for a document from a remote user;

selecting, using the document manager, an application service provider amongst a plurality of application service providers based on said request;

retrieving a said document;

merging said document with watermark information; and

transmitting said document merged with said watermark information to a printing entity.

59. (Original) The method of claim 58, wherein retrieving said document is performed by retrieving said document from said remote user.

60. (Currently Amended) The method of claim 58, wherein retrieving said document is performed by retrieving said document from said selected application service provider.

61. (Currently Amended) The method of claim 58, further comprising the step of retrieving said watermark information from said selected application service provider.

62. (Original) The method of claim 58, further comprising the step of retrieving said watermark information from said remote user.

63. (Original) The method of claim 58, further comprising the step of checking whether said document is tagged, and wherein said merging step is performed if said document is tagged.

64. (Original) The method of claim 58, further comprising the step of checking whether said document is digitally signed, and wherein said merging step is performed if said

document is digitally signed.

65. (Currently Amended) A system for managing documents, comprising:
means for receiving a request for a document from a remote user;
means for selecting, using a centralized document manager, an application service provider amongst a plurality of application service providers based on said request;
means for retrieving a said document;
means for merging said document with watermark information; and
means for transmitting said document merged with said watermark information to a printing entity.

66. (Original) The system of claim 65, wherein said means for retrieving said document include means for retrieving said document from said remote user.

67. (Currently Amended) The system of claim 65, wherein said means for retrieving said document include means for retrieving said document from said selected application service provider.

68. (Currently Amended) The system of claim 65, further comprising means for retrieving said watermark information from said selected application service provider.

69. (Original) The system of claim 65, further comprising means for retrieving said watermark information from said remote user.

70. (Original) The system of claim 65, further comprising means for checking whether said document is tagged, and wherein said means for merging merge said document with said watermark information if said document is tagged.

71. (Original) The system of claim 65, further comprising means for checking whether said document is digitally signed, and wherein said means for merging merge said

document with said watermark information if said document is digitally signed.

72. (Currently Amended) A computer program product, comprising:

a computer storage medium and a computer program code mechanism embedded in the computer storage medium for causing a computer to manage documents over a computer network, the computer program code mechanism comprising:

a first computer code device configured to receive, at a centralized document manager, a request for a document from a remote user;

a second computer code device configured to select, using the document manager, an application service provider amongst a plurality of application service providers based on said request;

a third computer code device configured to retrieve a said document;

a fourth computer code device configured to merge said document with watermark information; and

a fifth computer code device configured to transmit said document merged with said watermark information to a printing entity.

73. (Original) The computer program product of claim 72, wherein said third computer code device is configured to retrieve said document from said remote user.

74. (Currently Amended) The computer program product of claim 72, wherein said third computer code device is configured to retrieve said document from said selected application service provider.

75. (Currently Amended) The computer program product of claim 72, further comprising a sixth computer code device configured to retrieve said watermark information from said selected application service provider.

76. (Original) The computer program product of claim 72, further comprising a sixth computer code device configured to retrieve said watermark information from said remote user.

77. (Original) The computer program product of claim 72, further comprising a sixth computer code device configured to check whether said document is tagged, and wherein said fourth computer code device is configured to merge said document with said watermark information if said document is tagged.

78. (Original) The computer program product of claim 72, further comprising a sixth computer code device configured to check whether said document is digitally signed, and wherein said fourth computer code device is configured to merge said document with said watermark information if said document is digitally signed.